

**ABSTRACT**

The present invention is a method and a means of predicting the usability of specific applications or general types of applications in a data communications or wireless network within either specific geographic areas or general types of geography, such as a typical suburban environment. The invention provides a means of using information about the statistics of relevant Quality of Service parameters such as data throughput and delay as a function of location and velocity, to simulate the behavior of applications as a function of location and velocity in the data communications or wireless environments.